

CLAIMS

[1] An artificial lawn characterized by comprising imitation lawns (2), and a laying board (3) onto which said imitation lawns are planted, said imitation lawns (2) each including a bunch of foliaceous pieces (4) and a root portion (5) which bundles the bunch of foliaceous pieces, said laying board (3) including a plurality of root portion pots (6) into which said root portions (5) of said imitation lawns (2) are forcibly fit, respectively, said each imitation lawn (2) being fixed to said laying board (3) by driving a bifurcate pin member (7) having two pin tips onto an upper part of the root portion (5) of said imitation lawn (2) forcibly fit in the root portion pot (6) of said laying board (3), such that said pin member traverses a middle part of the root portion, from which said foliaceous pieces (4) are parted, and strides across both sides of an opening of said root portion pot (6).

[2] An artificial lawn as set forth in claim 1, characterized in that said laying board (3) has a pair of guide grooves (15) or (35) for specifying drive positions of both the pin tips of said pin member (7), the guide grooves being formed in a peripheral wall part of said each root portion pot (6) at positions opposing

to each other through the opening of said root portion pot (6).

[3] An artificial lawn as set forth in claim 1 or claim 2, characterized in that both the pin tips of said pin member (7) pierce through a bottom part of said root portion pot (6) of said laying board (3) and are folded back.

[4] A method of manufacturing an artificial lawn (1), wherein imitation lawns (2), each of which includes a bunch of foliaceous pieces (4) and a root portion (5) bundling the bunch of foliaceous pieces, are planted onto a laying board (3) formed with a plurality of root portion pots (6) capable of receiving the root portions, respectively,

the method being characterized in that the artificial lawn is manufactured by: forcibly fitting the root portion (5) of the imitation lawn (2) into the corresponding root portion pot (6) of said laying board (3); driving a bifurcate pin member (7) having two pin tips onto an upper part of said root portion (5) such that said pin member traverses a middle part of the root portion, from which said foliaceous pieces (4) are parted, and strides across both sides of an opening of

said root portion pot (6).

[5] A method of manufacturing an artificial lawn, characterized by comprising steps of: folding a lawn strand (23) in two at an intermediate position in its longitudinal direction, the lawn strand comprising a large number of fine resin strings (24) bundled and twisted into a shape of a rope; forcibly fitting the fold of the lawn strand (23) into a predetermined one of root portion pots (6) of a laying board (3) formed with a plurality of root portion pots (6) capable of receiving the folds; driving a bifurcate pin member (7) having two pin tips onto a crotch part of the fold from which the lawn strand (23) extending out of the root portion pot (6) is divided into two directions, such that the pin member traverses the crotch part and strides across both sides of an opening of the root portion pot (6); and thereafter unfastening the respective rope strands of the lawn strand (23) extending out of the root portion pot (6), thereby separating the resin strings (24) from each other.

[6] A method of manufacturing an artificial lawn, characterized by comprising steps of: folding a lawn strand (23) in two at an intermediate position in its

longitudinal direction, the lawn strand (23) comprising a large number of fine resin strings (24) bundled and twisted into a shape of a rope; forcibly fitting the fold of the lawn strand (23) into a predetermined one of root portion pots (6) of a laying board (3) formed with a plurality of root portion pots (6) capable of receiving the folds; driving a bifurcate pin member (7) having two pin tips onto a crotch part of the fold from which the lawn strand (23) extending out of the root portion pot (6) is divided into two directions, such that the pin member traverses the crotch part and strides across both sides of an opening of the root portion pot (6); folding one of the lawn strand (23) extending out of the root portion pot (6) at a position the lawn strand reaches an adjacent root portion pot (6); forcibly fitting the fold of the lawn strand (23) into the adjacent root portion pot (6); driving a bifurcate pin member (7) onto a crotch part of the fold, similarly to the above; cutting an intermediate part of the lawn strand (23) bridging between the adjacent root portion pots (6); and thereafter unfastening the respective rope strands of the lawn strand (23) extending out of each of the root portion pots (6), thereby separating the resin strings (24) from each other.